

Segment 1 - Pleasant View to Brigham City

General Description

The Pleasant View to Brigham City Segment extends from the Box Elder County and Weber County border to the eastern side of Brigham City (see maps 1 and 2 in Appendix G). The southern end of the segment will link to the planned endpoint of the SBST in Weber County as detailed in the USFS North Ogden to Pleasant View Trail Report. As of this publication, there are currently two alternative alignments in Weber County. The most likely alternative follows the PacifiCorp powerline corridor and ends where this corridor intersects Pole Patch Road. The other alignment alternative follows the Ogden-Brigham Canal. The NBST in this section will contour the foothills above Utah State Highway 126 through the communities of Willard, Perry, and Brigham City. Land ownership along this segment is generally private. The Wasatch-Cache National Forest is on the east side of the corridor, and there is a small section of U.S. Department of the Interior, Bureau of Land Management (BLM) land at the mouth of Perry Canyon.

Environmental Description

Slope

The foothill area along this segment is narrow with a mountainous, rocky scarp beginning at approximately 4,500 feet elevation. The foothill area below this is a moderate slope that varies in width but is very narrow adjacent to community-developed areas.

Hydrology

The Ogden-Brigham Canal traverses the foothills along the entire segment between 4,600 and 4,500 feet elevation. The canal enters Brigham City on the east side, where it then enters the Box Elder Canal at 6th Street. The Perry Canal also follows the foothills, beginning at the northeast side of Perry and ending in the same area as the Ogden-Brigham Canal. Four perennial streams cross the foothills along this segment. Willard Creek comes out of Willard Canyon northeast of the town of Willard. Facer Creek comes into the valley approximately 1.5 miles north of Willard Creek. Three-mile Creeks drains out of Perry Canyon south of the town of Perry. Box Elder Creek drains Box Elder Canyon, coming into the valley at Brigham City. There are several springs in the area, according to U.S. Geological Survey maps. The primary spring of interest is the Willard City Spring in Willard Canyon. No wetlands, other than perennial stream riparian corridors, have been identified.

Wildlife

The UDWR show no critical wildlife habitat along this segment. Primarily, the wildlife habitat and wetland areas are to the west of Highway 69.

Geology

Several faults follow the edge of the Wasatch Mountains along this segment, the largest of which is the Wasatch Fault. There is a large landslide area east of Brigham City that bisects the trail corridor.



Alignment Alternative A - PacifiCorp Powerline Corridor (14.2 Miles)

The PacifiCorp powerline corridor follows the entire length of this segment of the NBST. The preferred ending location for the SBST in Weber County is the intersection of the powerline corridor and Pole Patch Road. The NBST will link to the SBST at this point and then head north, contouring the foothills and following the powerline easement. Just south of Perry, the powerline corridor veers to the northeast and heads into steep terrain. At this point the trail alignment leaves the powerline corridor and contours the foothills along the Ogden-Brigham Canal above Perry. On the north side of Perry the trail rejoins the powerline corridor to its intersection with Highway 89. At this point the trail will follow (not cross) Highway 89 to its intersection with Highway 90. Here, it is necessary that the trail cross the highway (this obstacle is discussed in greater detail below). The trail will then contour the foothills out of the canyon where it rejoins the powerline corridor and continues north of Brigham City.

Ownership

Ownership along this segment is private, except for a small area at the mouth of Perry Canyon that is owned by the BLM. Ownership along the PacifiCorp powerline corridor is assumed to be private, with PacifiCorp owning an easement for the powerline to cross these private lands. It is possible that there are places where PacifiCorp has ownership of the powerline corridor lands. Research into PacifiCorp easement and ownership issues along this segment will need to be conducted (see the Working with Utilities section in Chapter 4). The small section that follows the Ogden-Brigham Canal is under private ownership with the canal company owning an easement for canal operation.

Trail Development Opportunities

- ❖ The PacifiCorp powerline corridor easement may facilitate easier trail development because of the ability for easement access and reduced property ownership issues.
- ❖ Approximately 2 miles of this alignment will cross public lands (USFS and BLM), thus reducing ownership issues.

Trail Development Constraints

- ❖ Private property issues that include the Pole Patch area at the southern most portion of the trail.
- ❖ Crossing canyons at Willard Canyon, Facer Creek, and Perry Canyon.
- ❖ The Box Elder Canyon and Highway 89 crossing poses a major trail obstacle because it is a heavily traveled four lane highway. Crossing options at the mouth of the canyon include a pedestrian bridge overpass or a tunnel underpass east of the Highway 89 / State Route (SR) 90 interchange. The Utah Department of Transportation (UDOT) is the agency that would assist in planning this road crossing. A similar overpass, crossing four lanes and including all ramps and associated retaining walls, was constructed on the SBST at Parley's Canyon and Interstate 80. The total costs for this project were \$2,400,000. An alternative would be to cross using the existing deer tunnel crossing just west of Mantua. This would require the trail to go up Box Elder Canyon approximately 2 miles and then back down to the mouth of the canyon. However, the UDWR does not support this suggestion (see UDWR letter in Appendix D).



Trailheads

- ❖ Mountain View Park east of Perry, Utah - There is a park at the edge of the foothills adjacent to the Ogden-Brigham Canal. This would provide a useful trailhead for the town of Perry. Approximately 0.25 mile of trail that links the trailhead to the powerline corridor would need to be constructed.
- ❖ Willow Creek Park east of Willard, Utah - A park near the two water tanks in Willard, at the base of the foothills, could provide trail access. Approximately 0.25 mile of trail that links the trailhead to the powerline corridor would need to be constructed.
- ❖ Knudson Property Trailhead- This is located on the south east side of the interchange of Highway 89 and SR 90 at the mouth of Box Elder Canyon. Brigham City has acquired this property for future trailhead development.

Alignment Alternative B - Ogden-Brigham Canal (14.9 Miles)

The Ogden-Brigham Canal corridor follows the entire length of this segment of the NBST. This is a secondary alternative alignment for the SBST ending at the Box Elder County/ Weber County line. The NBST will link to the SBST at this point and then head north, contouring the foothills while following the canal corridor to Highway 89. At the highway, the trail will head east to the Knudson Trailhead. Here, it is necessary that the trail cross Highway 89 (this obstacle is discussed in greater detail below).

Ownership

Ownership along this segment is private, except for a 0.25-mile segment at the mouth Cook Canyon that is owned by the USFS. Ownership along the Ogden-Brigham Canal corridor is assumed to be private, with the canal company owning an easement for the canal to cross these private lands.

Trail Development Opportunities

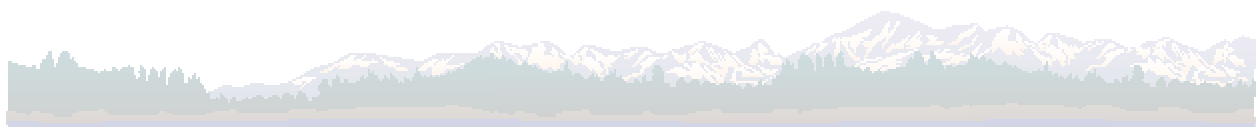
- ❖ The Ogden-Brigham canal corridor easement may facilitate easier trail development because there is a small road adjacent to the canal the entire length that would function as a trail. This existing corridor would require very little, if any, trail construction.

Trail Development Constraints

- ❖ Possible opposition from the Ogden-Brigham Canal Company because of liability issues.
- ❖ Possible opposition from private property owners along the canal.
- ❖ Box Elder Canyon and Highway 89 crossing (see discussion under Alternative A).

Trailheads

See the trailheads section of Alternative A.



Other Trail Alignment Opportunities

Other trail route alternative considerations that are possible along this segment consist of existing jeep roads and established trails that are located along the foothills and east of the alignments described above. The “high road” and the White Rock Trail that start just north of Willard are possible alternative routes, as are several other trails and unimproved roads that skirt the eastern foothills.

Potential Trail Linkages

There are several potential trail links that can be made along this segment. These include:

- ❖ the existing trail around Willard Bay;
- ❖ links to existing recreation facilities in Willard, Perry, and Brigham City;
- ❖ and linking to the trails planned for Brigham City at the mouth of Box Elder Canyon.